INDEX TO VOL. IV.

Acetone, excretion of, in vomiting of pregnancy, 105
Agglutinin-antigen complex, auto-dissociation of, 231
AHLGREN, G., experiments on the respiration of malignant tissues, 196
ALLEN, K., see *Glenny, A. T.*
AMMON, S. E., and LIM, R. K. S., the "gastrin" content of the human pyloric mucous membrane, 27
ANWYL-DAVIES, T., see *Mellanby, J.*
ARKWRIGHT, J. A., and BACOT, A. W., investigation of the ætiology of typhus fever, 70
ATKIN, E. E., some cultural characteristics exhibited by serological types of meningococci, 325

BABKIN, B. P., the influence of insulin on the formation of glycogen, 310
BACOT, A. W., see *Arkwright, J. A.*
Bacteriophage, mode of production of, 53
——— rate and progress of action, 204
BARNARD, J. E., the detection of *Spironema pallidum*, 68
BARRY, D. T., vascular changes affecting bulbar nerve centres, 92
BAXTER, M., see *Eagleton, A. J.*, and *O'Brien, R. A.*
BEDSON, S. P., and ZILVA, S. S., the influence of vitamine A on the blood-platelets of the rat, 5
——— ——— the platelet-count in rats suffering from vitamin A deficiency, 305
Blood-platelets, influence of vitamin A on, 5
——— in vitamin A deficiency, technique of counting, 37, 305
BOONE, W. B., see *Marrack, J.*

Calcium in tetany, 213, 340
Canada balsam, substitute for, 44
Cerebrospinal fluid, precipitation of colloidal gold by, 132
Coccidiosis, complement-fixation in, 1
Colloidal gold, precipitation of, by cerebrospinal fluid, 132
Complement-fixation in coccidiosis, 1
——— in gonococcal infections, 235
——— in streptococcal infections, 318
COWAN, M. L., variation phenomena in streptococci, 241
COWELL, S J., see *Kellaway, C. H.*
CRAMER, W., and DREW, A. H., the effect of light on the organism, 271
——— ——— and MOTTRAM, J. C., on the behaviour of platelets in vitamin A deficiency and on the technique of counting them, 37
CRUICKSHANK, E. W. H., studies in experimental tetany: distribution of calcium; colloidal and ionic calcium, 213
——— variations in the distribution of CO_2, chlorine and calcium in the cells and plasma of the blood in tetany, 340

Desensitisation, spontaneous, 255
Diastase, estimation of, in blood, 127
Diphtheria toxin-antitoxin, antigenic value of, 19
——— toxoid as an immunising agent, 283
DODDS, E. C., variations in some of the urinary constituents and the alveolar carbon dioxide tension in relation to meals, 13
DREW, A. H, growth and differentiation in tissue cultures, 46
——— see *Cramer, W.*
DREYER, G., some new principles in bacterial immunity, 146

EAGLETON, A. J., see *O'Brien, R. A.*
——— and BAXTER, M., the standardisation of tuberculin, 289
Encephalitis lethargica, diagnostic value of rabbit inoculation in, 34

FILDES, P., the classification of hæmoglobinophilic bacteria, 265
FYFE, G. M., a method of estimation of diastase in blood, 127

"Gastrin" content of pyloric mucous membrane, 27
GLENNY, A. T., ALLEN, K., and HOPKINS, B. E., testing the antigenic value of diphtheria toxin-antitoxin mixtures, 19
——— and HOPKINS, B. E., diphtheria toxoid as an immunising agent, 283
Glycogen, influence of insulin on the formation of, 310

Gonococcal infections, complement-fixation in, 235

Hæmoglobinophilic bacteria, classification of, 265
HARDING, V. J., and POTTER, C. T., the excretion of "acetone" and nitrogen in nausea and vomiting of pregnancy, 105
HINE, T. G. M., auto-dissociation of agglutinin-antigen complex, 231
HOPKINS, B. E., see *Glenny, A. T.*

Immunity, new principles in, 146
Insulin, influence on the formation of glycogen, 310

Jensen's rat sarcoma, immunity to, 80, 247

KELLAWAY, C. H., and COWELL, S. J., spontaneous desensitisation, 255
KINGSBURY, A. N., see *McIntosh, J.*

LAZARUS-BARLOW, W. S., and PARRY, R. H., the brain and immunity reactions to Jensen's rat sarcoma, 80
——— ——— the spleen and immunity reactions to Jensen's rat sarcoma, 247
LEPPER, E. H., on the mode of production of bacteriophage, 53
——— the rate and progress of bacteriophage action, 204
Light, effect of, on the organism, 271
LIM, R. K. S., see *Ammon, S. E.*

MCINTOSH, J., the diagnostic value of rabbit inoculation in *Encephalitis lethargica*, 34
——— and KINGSBURY, A. N., the expression of the results of the Wassermann reaction in units, 224
Malignant tissues, respiration of, 196
MARRACK, J., and BOONE, W. B., the acid-base balance in the plasma in the later stages of pregnancy, 261
MARTLAND, E. M., the complement-fixation test in the diagnosis of gonococcal infection in women, 235
MELLANBY, J., and ANWYL-DAVIES, T., the precipitation of colloidal gold by cerebro-spinal fluid, 132
Meningococci, cultural characteristics of, 325
MOTTRAM, J. C., see *Cramer, W.*
MURRAY, I., the thyroid gland in experimental rickets, 335

Nerve centres, vascular changes affecting, 92
Neuro-syphilis, diagnosis of, 132

O'BRIEN, R. A., EAGLETON, A. J., OKELL, C. C., and BAXTER, M., the Schick test and active immunisation, 29
OKELL, C. C., see *O'Brien, R. A.*

PARRY, R. H., see *Lazarus-Barlow, W. S.*
PATON, D. N., and WATSON, A., the ætiology of rickets, 177
PATTERSON, S. W., a complement-fixation test in coccidiosis of the rabbit, 1
POTTER, C. T., see *Harding, V. J.*
Pregnancy, acid-base balance in the plasma in, 261
——— excretion of acetone in vomiting of, 105

Respiration of malignant tissues, 196
Rickets, ætiology of, 177
——— experimental, thyroid gland in, 335

Schick test and active immunisation, 29
SOUTHGATE, H. W., a suggested substitute for Canada balsam as a mounting medium, 44
Spironema pallidum, detection of, 68
STONE, G. K., complement-fixation in streptococcal infections, 318
Streptococcal infections, complement-fixation in, 318
Streptococci, variation phenomena in, 241

Tetany, calcium in, 213
——— CO_2, chlorine and calcium in the blood in, 340
Thyroid gland in experimental rickets, 335
Tissue cultures, growth and differentiation in, 46
Toxin-antitoxin, antigenic value of, 19
Toxoid as an immunising agent, 283
Tuberculin, standardisation of, 289
Typhus fever, ætiology of, 70

UNDERHILL, S. W. F., the relative concentration ratios of some constituents of the urine, 87, 117
Urine, relative concentration ratios of constituents of, 87, 117
——— variation in constituents of, in relation to meals, 13

Vitamine, influence on the blood-platelets of the rat, 5, 37, 305
——— factor, in the classification of hæmoglobinophilic bacteria, 265

Wassermann reaction, expression of the results in units, 224
WATSON, A., see *Paton, D. N.*

ZILVA, S. S., see *Bedson, S. P.*